WHAT IS CLAIMED IS:

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1. A method of managing a shared resource, said method comprising:

determining whether a process identifier included in a queue corresponds to a read requestor or a write requestor;

allowing the write requestor to write to the shared resource in response to the process identifier corresponding to the write requestor; and

allowing one or more successive read requestors to read from the shared resource in response to the process identifier corresponding to one of the read requestors.

The method as described in claim 1 further comprising:
setting a resource lock in an available mode;
setting the resource lock in a read mode in response
to the first of the one or more read requestors
accessing the available resource lock; and
granting each of the read requestors read access to
the resource lock.

The method as described in claim 1 further comprising:

setting a write wanted flag in response to a write

requestor requesting a resource lock after the

resource lock has been set in read mode;

requesting lock access by one or more read requestors,

the requesting occurring after the write wanted

flag is set;

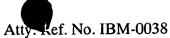
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- granting lock access to a first group of the read 8 reguestors in response to the first group being 9 more successive included in the one or 10 requestors; and 11 denying lock access to a second group of the read 12
- requestor's in response to the second group not 13 being included in the one or more successive read 14 requestors. 15
- The method as described in claim 3 further comprising: 1 4. setting a woken up flag for each read requestor 2 included in the first group. 3
- 1 The method as described in claim 1 further comprising: 5. 1 2 releasing a resource lock; and **3** a requesti'ng process ownership of granting Ü resource lock, wherein the requesting process is **4** the first process to request the resource lock 5 **6** after the releasing.
 - The method as described \in claim 5 wherein 6. requesting process does not correspond with any of the process identifiers included in the queue.
 - described in \claim 5 wherein the as 1 7. The method requesting process corresponds with one of the process 2 identifiers included in the queue. 3
 - The method as described in claim 5 further comprising: 8. 1 speeding up processing for one or more read requestors 2 that acquire the resource lock. 3



as described in claim 8 wherein 1 9. speeding \up includes granting one or more 2 requestors & temporary time slice exemption. 3 The method as described in claim 1 further comprising: 1 10. identifying an upgrader in the queue; and 2 granting the upgrader a write lock to the 3 resource. 4 claim 10 further \described in 11. The method as 1 comprising: 2 boosting a priority of the upgrader prior to 3 upgrader writing to the shared resource. 4 An information handling system comprising: 1 1 12. 2 one or more processors; a memory accessible by the processors; 4 one or more shared resources; **5** storage device accessible the nonvolatile 6 7 processors; and a shared resource manager, the shared resource manager including: \whether determining a for 9 means identifier included in \a queue corresponds 10 to a read requestor or a write requestor; 11 means for allowing the write requestor to write 12 to the shared resource in response to the 13 identifier corresponding the process 14 write requestor; and 15 means for allowing one or more successive read 16 requestors to read from the shared resource 17

18		in response to the process identifier
19		corresponding to one of the read requestors.
19		corresponding to the creation of
1	13.	The information handling system as described in claim
2		12 further comprising:
3		means for setting a resource lock in an available
4		mode;
5		means for setting the resource lock in a read mode in
6		response to the first of the one or more read
7		requestors accessing the available resource lock;
8		and
9		means for granting each of the read requestors read
; 1 0		access to the resource lock.
4.1	14.	The information handling system as described in claim
□ 2		12 further comprising:
道 道 3		means for setting a write wanted flag in response to a
4		write requestor requesting a resource lock after
5		the resource lock has been set in read mode;
5 6		means for requesting lock access by one or more read
7		requestors, the requesting occurring after the
二 二8		write wanted flag is set;
9		means for granting lock access to a first group of the
10		read requestors in response to the first group
11		being included in the one or more successive read
12		requestors; and
13		means for denying lock access to a second group of the
14		read requestors in response to the second group
15		not being included in the one of more successive
16		read requestors.
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1	15.	The information handling system as described in claim
2		12 further comprising:

means for releasing a resource lock; and
means granting a requesting process ownership of the
resource lock, wherein the requesting process is
the first process to request the resource lock
after the releasing.

- 1 16. The information handling system as described in claim
 2 15 wherein the requesting process does not correspond
 3 with any of the process identifiers included in the
 4 queue.
- 1 17. The information handling system as described in claim
 2 15 wherein the requesting process corresponds with one
 of the process identifiers included in the queue.
- 1 18. The information handling system as described in claim
 2 12 further comprising:
 3 means for speeding up processing for one or more of
 the read requestors that acquire a resource lock.
 - 19. The information handling system as described in claim
 18 wherein the means for speeding up includes means
 for granting one or more read requestors a temporary
 time slice exemption.
 - 1 20. The information handling system as described in claim
 2 12 further comprising:
 - means for identifying an upgrader in the queue; and
 means for granting the upgrader write lock to the
 - 5 shared resource.

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1 21. The information handling system as described in claim 2 20 further comprising:

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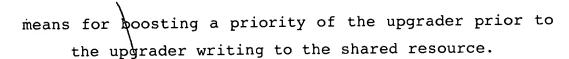
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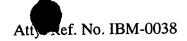
- 1 22. A computer program product for managing a shared resource, said computer program product comprising:
- means for determining whether a process identifier included in a queue corresponds to a read requestor or a write requestor;
 - means for allowing the write requestor to write to the shared resource in response to the process identifier corresponding to the write requestor; and
 - means for allowing one or more successive read requestors to read from the shared resource in response to the process identifier corresponding to one of the read requestors.
 - 23. The computer program product as described in claim 22 further comprising:
 - means for setting a resource lock in an available mode;
 - means for setting the resource lock in a read mode in response to the first of the one or more read requestors accessing the available resource lock;
- 9 means for granting each of the read requestors read access to the resource lock.
- 1 24. The computer program product as described in claim 22 further comprising:
- means for setting a write wanted flag in response to a

 write requestor requesting a resource lock after

 the resource lock has been set in read mode;

The computer program product as described in claim 26 wherein the requesting process does not correspond with any of the process identifiers included in the queue.

1 28. The computer program product as described in claim 26 2 wherein the requesting process corresponds with one of 3 the process identifiers included in the queue.



- The computer program product as described in claim 26 29. 1 further comprising: 2 means for speeding up processing for one or more read 3 requestors that acquire the resource lock. 4 The computer program product as described in claim 29 1 30. wherein the means for speeding up includes means for 2 granting one or more read requestors a temporary time 3 slice exemption. 4 The computer program \product as described in claim 22 1 2 further comprising: means for identifying an upgrader in the queue; and **3** means for granting the upgrader a write lock to the **5** shared resource. The computer program product as described in claim 31 32. 2 further comprising: ,..... 3
 - means for boosting a priority of the upgrader prior to the upgrader writing to the shared resource.